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US 4208834

(58) Field of search

A6S

Selected US specifications from IPC sub-class A63H

(54) **A toy comprising a doll and skateboard**

(57) A toy comprising a doll 8 and a skateboard 1 on which the doll 8 can be mounted, said skateboard 1 being provided with a radio-control unit 4 and having on its upper side fittings 2 for anchoring the doll 8, said fittings forming recesses into which the feet of the doll 8 are inserted, thus anchoring the doll 8 in an upright position.

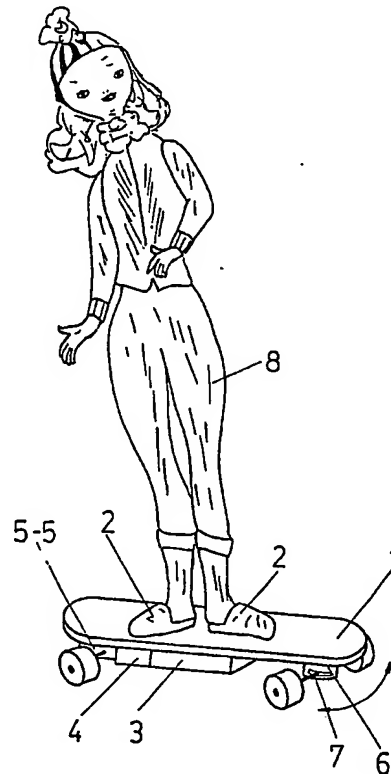


FIG.1

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2186501

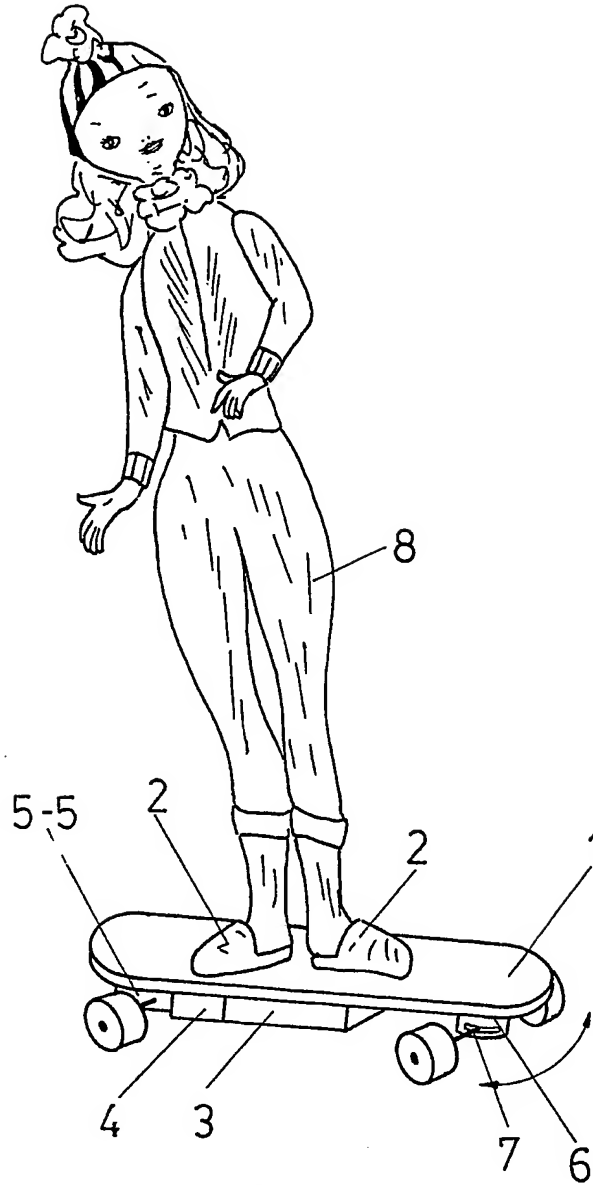


FIG. 1

2186501

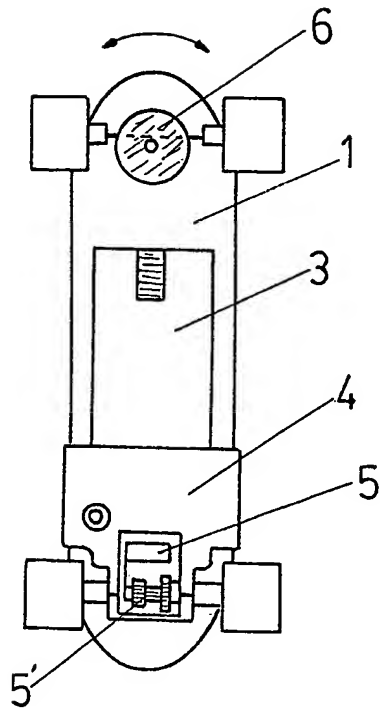


FIG. 2

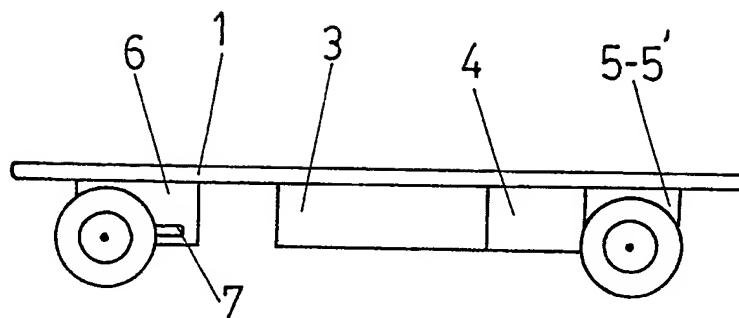


FIG. 3

SPECIFICATION

A toy comprising a doll and skateboard

5 This invention relates to a toy which comprises a doll and a skateboard on which the doll can be mounted.

Relevant research-work has been conducted with the idea of widening the field of the toy trade, and the range of sports-like games and pastimes that
10 children find so absorbing, to such an extreme that they want to acquire as many objects created for this purpose as they can, owing to their obvious charm and recreational possibilities. The result of such research-work is the toy forming the present
15 invention.

According to the present invention there is provided a toy comprising a doll and a skateboard on which the doll can be mounted, said skateboard being radio-controlled and having on its upper side
20 fittings for anchoring the doll, said fittings being composed of elements for fixing the feet of the doll and at their front end are in the form of hollow protuberances, with each one providing a recess into which the feet of the doll can be inserted, thus
25 anchoring the doll in an upright position.

The underside of the board is preferably provided with a container for the cells forming the supply battery; a container for the radio-control device, and a housing, to which the back wheels are fitted, for the
30 drive motor and for the corresponding gear-box, from which are driven the axles which directly drive the back wheels of the toy.

The axle for the front wheels is fitted to a member which is preferably cylindrical in shape, and placed
35 in an upright position; close to the lower end of this, there is a diametral groove on one side, covering a sufficiently wide angle, while on the opposite side, it ends in a circular orifice, over which the aforementioned front axle pivots, determining the
40 direction in which the toy should move at each moment.

When the corresponding movement is made in reverse the front axle rotates as far as the catch at the front of the angular groove or steering groove, and
45 consequently, the unit turns tracing whole or partial circles in one direction.

An embodiment of the invention will now be described, by way of an example, with reference to the accompanying drawings, in which:-

50 *Figure 1* is a perspective of the toy, including all its components parts,

Figure 2 is a plan view of the underside of the skateboard, and

55 *Figure 3* is a side view of the aforementioned skateboard.

As can be seen from *Figure 1*, the upper part or board 1 of the skateboard is provided with fastening elements 2 or fittings for anchoring the feet of the doll 8. On the underside of the board 1 is a container
60 3 for the supply battery, a container 4 for the radio-control devices and a housing 5 for the drive motor and which contains the gear-box 5 as a complementary feature. A cylindrical member is provided at the front of the board 1 and this has a
65 horizontal groove or slot 7 enabling the front wheels

to rotate as far as the appropriate position so as to proceed in a straight line in the advance position and to rotate in one direction when in the reverse position. The fastening elements take the form of
70 shoes.

CLAIMS

1. A toy comprising a doll and a skateboard on
75 which the doll can be mounted, said skateboard being radio-controlled and having on its upper side fittings for anchoring the doll, said fittings being composed of elements for fixing the feet of the doll and at their front end are in the form of hollow
80 protuberances, with each one providing a recess into which the feet of the doll can be inserted, thus anchoring the doll in an upright position.

2. A toy as claimed in claim 1, in which the underside of the skateboard is provided with a
85 container for the cells forming the supply battery, container for the radio-control devices and a housing for the drive motor with its gear-box, from which are driven the transmission axles which impart direct motion to the back wheels of the skateboard.

3. A toy as claimed in claim 1 or claim 2, in which the front axle is received in a fixed upright cylindrical member provided with a diametral groove near the end or lower base, on one of its sides which extends over a predetermined angle, while, on the other end,
95 there is a circular orifice in which the aforementioned front axle pivots.

4. A toy as claimed in any one of claims 1 to 3, in which the radio-control device enables the skateboard to move backwards and forwards.

100 5. A toy as claimed in any one of claims 1 to 4, in which the reverse movement of the skateboard determines the rotation of the front axle or steering shaft and, consequently, the rotating movement of the entire unit, with such axle being pulled as far as
105 the front end of the groove by the one end coinciding with the arc of the angular groove on the cylindrical core.

6. A toy comprising a doll and a skateboard on which the doll can be mounted, substantially as
110 hereinbefore described with reference to and as illustrated in the accompanying drawings.